

WHAT IS CLAIMED IS:

- 1 1. A liquid crystal display comprising:
2 a liquid crystal display panel;
3 a lamp unit including a lamp and a lamp holder
4 receiving said lamp;
5 a light guide plate; and
6 a case assembly including a rear case behind said
7 liquid crystal display panel, said rear case having said
8 lamp unit and said light guide plate on a surface thereof
9 in a manner to hold them in operative relationship, with
10 said lamp unit kept independent from said light guide
11 plate.
- 1 2. The liquid crystal display as claimed in claim 1,
2 wherein said crystal display panel includes a substrate,
3 and said rear case is formed with a storage portion
4 receiving said substrate and has a lid concealing said
5 storage portion.
- 1 3. The liquid crystal display as claimed in claim 1,
2 wherein said rear case is formed with an opening
3 providing an access to said lamp holder.
- 1 4. The liquid crystal display as claimed in claim 1,
2 wherein said lamp holder includes a reflector partly
3 surrounding said lamp.
- 1 5. The liquid crystal display as claimed in claim 1,
2 wherein said rear case includes elements locating said
3 light guide plate on said surface at a predetermined
4 position with respect to said lamp unit.
- 1 6. The liquid crystal display as claimed in claim 5,

2 wherein said locating elements are provided to locate
3 said liquid crystal display panel as well as said light
4 guide plate.

1 7. The liquid crystal display as claimed in claim 1,
2 wherein said rear case includes means for urging said
3 light guide plate into close relationship with said lamp
4 unit.

1 8. The liquid crystal display as claimed in claim 7,
2 wherein said urging means include a bias element arranged
3 to press said light guide plate toward said lamp holder.

1 9. A method for assembling a lamp unit, a light guide
2 plate and a liquid crystal display panel, comprising:
3 using a rear case to have a lamp unit on a surface
4 of said rear case;
5 locating a light guide plate on said surface in
6 operative relationship with said lamp unit;
7 placing a liquid crystal display panel over said
8 light guide plate, said liquid crystal display panel
9 including a substrate;
10 placing a front case over said liquid crystal
11 display panel to cooperate with said rear case to form
12 a case assembly;
13 putting said substrate into a storage portion on the
14 backside of said rear case; and
15 placing a lid to conceal said storage portion and
16 said substrate.

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